GUWIEYG EVLC-NACS&CCS1-500

GUWIEYG CCS1 to CCS2 EV Charger Adapter Instruction Manual

Model: EVLC-NACS&CCS1-500

1. Introduction

This manual provides essential instructions for the safe and effective use of your GUWIEYG CCS1 to CCS2 EV Charger Adapter. This adapter is designed to enable CCS1-equipped electric vehicles to charge at NACS (North American Charging Standard) charging stations, such as Tesla Superchargers. Please read this manual thoroughly before first use and retain it for future reference.

2. Safety Information

- **Electrical Safety:** Always ensure the adapter and charging station are dry before connecting. Do not use if the adapter or cables are damaged.
- **Proper Handling:** Handle the adapter with care. Avoid dropping or subjecting it to excessive force.
- **Ventilation:** Ensure adequate ventilation around the charging area during use.
- **Children and Pets:** Keep the adapter out of reach of children and pets.
- **Emergency Disconnect:** Familiarize yourself with the emergency stop procedures of the charging station and your vehicle.
- **Compatibility:** This adapter is for CCS1 vehicles charging at NACS stations. Do not attempt to use it for other charging standards or purposes.

3. Package Contents

- GUWIEYG CCS1 to CCS2 EV Charger Adapter
- Protective Storage Case (may vary by package)
- Instruction Manual

4. Product Overview



Figure 1: GUWIEYG CCS1 to CCS2 EV Charger Adapter. This black adapter features a CCS1 input port on one end, designed to connect to a vehicle's charging port, and a NACS (Tesla) compatible connector on the other end, which connects to a Tesla Supercharger cable. The CCS1 port has a protective cover that can be opened to reveal the DC+ and DC- pins, along with the AC pins (N, L, CP, PP, PE) for standard charging. The adapter is robust and designed for converting NACS charging cables for use with CCS1-equipped electric vehicles.

The adapter features a robust construction with a dual-lock design for secure connection during charging. It converts the NACS connector from a Tesla Supercharger into a CCS1 connector compatible with your electric vehicle.

5. Setup

1. **Unpack:** Carefully remove the adapter from its packaging.
2. **Inspect:** Visually inspect the adapter for any signs of damage, such as cracks, frayed wires, or bent pins. Do not use if damaged.
3. **Familiarize:** Identify the NACS input side (for the Supercharger cable) and the CCS1 output side (for your vehicle).

6. Operating Instructions

Follow these steps carefully to ensure a successful charging session:

1. **Prepare Vehicle:** Ensure your electric vehicle is parked safely and turned off. Open the charging port cover.
2. **Initiate Charge (Tesla App):** If using a Tesla Supercharger, initiate the charging session through the Tesla mobile application first.
3. **Connect Adapter to Supercharger:** Take the NACS charging cable from the Supercharger and firmly install it into the NACS input side of the GUWIEYG adapter. Ensure it latches securely.
4. **Connect Adapter to Vehicle:** Insert the CCS1 output side of the adapter into your vehicle's CCS1 charging port. Push firmly until it clicks into place, ensuring the dual-lock mechanism engages.
5. **Monitor Charging:** Observe your vehicle's dashboard or the charging station display to confirm that charging has begun.
6. **Disconnect:** Once charging is complete, stop the session via the Tesla app or vehicle controls. Disconnect the adapter from your vehicle first, then disconnect the NACS cable from the adapter. Store the adapter in its protective case.

Note: *The specific order of connection (Tesla app initiation, adapter to NACS, then adapter to CCS1 port) has been reported by users to be crucial for successful charging with some vehicle models.*

7. Maintenance

- **Cleaning:** Wipe the adapter with a clean, dry cloth after each use. Do not use harsh chemicals or abrasive materials. Ensure all contacts are free of dirt and moisture.
- **Storage:** Store the adapter in its protective case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Regular Inspection:** Periodically inspect the adapter for any signs of wear or damage. If any damage is found, discontinue use immediately.

8. Troubleshooting

- **Charging Not Initiating:**
  - Ensure the adapter and cables are fully and securely connected.
  - Verify that the charging session was initiated correctly via the Tesla app.
  - Check for any error messages on the charging station or your vehicle's display.
  - Try the specific connection sequence: 1) Initiate charge in Tesla app, 2) Connect adapter to NACS cable, 3) Latch adapter, 4) Insert adapter into vehicle's CCS1 port.
- **Slow Charging:**
  - Charging speed can be affected by the vehicle's battery state of charge, ambient temperature, and the specific Supercharger's output.
  - Ensure all connections are clean and secure.
- **Adapter Feels Loose:**
  - Ensure the NACS cable is fully inserted and latched into the adapter.
  - Ensure the adapter is fully inserted and latched into the vehicle's CCS1 port. The dual-lock design

should provide a secure fit.

- **Adapter Overheating:**
  - A slight warmth during high-power charging is normal. However, if the adapter becomes excessively hot to the touch, immediately disconnect it and cease use. Contact customer support.

9. Specifications

Feature	Specification
Model Number	EVLC-NACS&CCS1-500
Input Connector	NACS (Tesla)
Output Connector	CCS1
Maximum Power	Up to 500 kW (500,000 Watts)
Maximum Current	Up to 500 Amps
Maximum Voltage	Up to 1000 Volts
Item Weight	1.7 pounds
Package Dimensions	7.48 x 5.9 x 3.54 inches

10. Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official GUWIEYG website. Keep your purchase receipt as proof of purchase for warranty claims.

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